MANITOBA VITAL STATISTICS A REGIONAL ANALYSIS 1997

MANITOBA BUREAU OF STATISTICS

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LIVE BIRTHS

There were 14,548 live births in Manitoba during 1997. Of these, 10,088 (69.3%) occurred in Winnipeg. The Winnipeg region had the highest birth rate with 15.8 births per thousand population, followed by the North with a birth rate of 13.0. The lowest birth rates were in the Interlake and Southeast regions, both with a rate of 4.0. For Manitoba, the birth rate was 12.7 births per thousand population.

There were 7,039 (48.4%) female births and 7,508 (51.6%) male births. For every thousand females in the population there were 12.2 female births, compared to 13.2 male births for every thousand males in the population. The Southwest, Interlake, Parklands and North regions recorded a higher number of female births than male births.

DEATHS

There were 9,418 deaths in Manitoba during 1997. There were 5,565 (59.1%) in Winnipeg alone. The regions with the highest death rates were the Parklands and the Southwest regions with 12.3 and 10.4 deaths per thousand population. The North region had the lowest death rate with 3.0, followed by the Southeast with a rate of 4.9. The death rate for Manitoba was 8.2.

There were 4,728 (50.2%) female deaths, compared to 4,690 (49.8%) male deaths. The male death rate was higher than the female death rate in six of the Manitoba's eight Economic Regions. At the Manitoba level, the male death rate was 8.3, while the female death rate was 8.2.

STILLBIRTHS

The number of stillbirths in Manitoba in 1997 was 101. Of these stillbirths, 77 (76.2%) occurred in Winnipeg. The North had the second highest number with 9 (8.9%) stillbirths, followed by the Southwest region with 8 stillbirths (7.9%) and the Southeast and South Central regions with 3 stillbirths (3.0%) each. The Parklands region reported 1 stillbirth while the North Central and Interlake regions each reported no stillbirths.

The rate of female stillbirth was 6.4 per thousand female live births and the rate of male stillbirth was 7.5 per thousand male live births.

NATURAL INCREASE

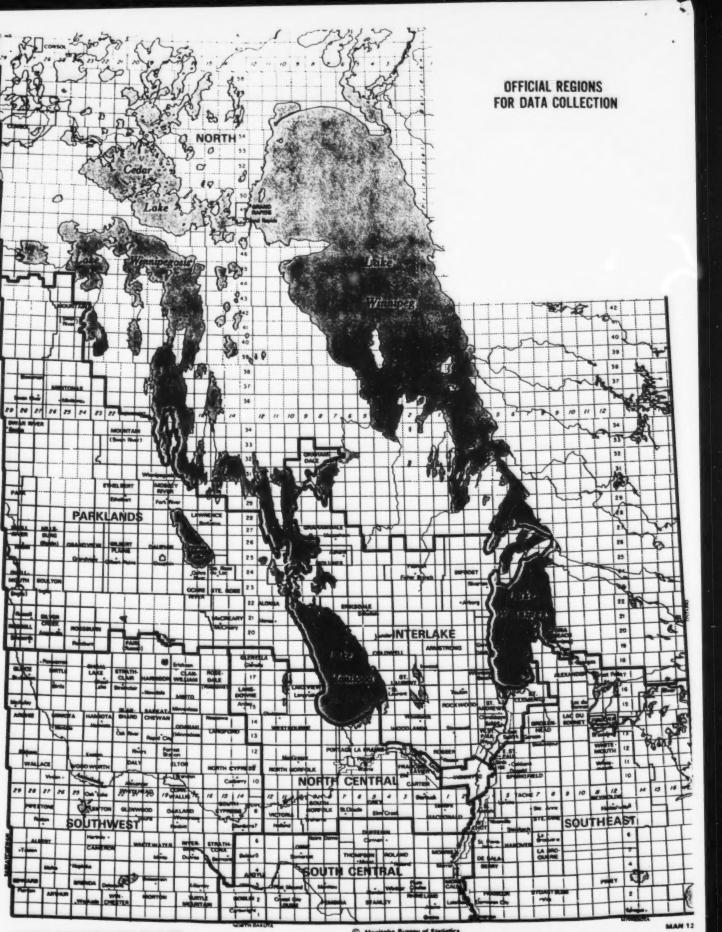
In 1997, Manitoba had a net population gain of 5,130 persons due to natural increase, for a rate of natural increase of 4.5 persons per thousand population. The Interlake region, had the largest rate of natural decrease of 3.3 persons per thousand. Only two other regions recorded a net loss during 1997. The North region had the greatest rate of natural increase, that being 9.3, followed by Winnipeg with a rate of 7.1 per thousand.

Rates at the Manitoba level were 4.0 females per thousand and 5.0 males per thousand. Rates in Winnipeg were 6.1 females per thousand and 8.2 males per thousand.



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INTRODUCTION

This report presents data on the vital statistics (births, deaths, and stillbirths) occurring during 1997 in the province of Manitoba. Historical data from 1984 to 1996 is available in previous Manitoba Bureau of Statistics reports. The charts and tables in this report were constructed using data that was reported by the Vital Statistics Agency, Manitoba Consumer and Corporate Affairs.

This data refers to events that occurred in Manitoba and involved Manitobans by <u>place of occurrence</u>. Where all characteristics of an event have not been recorded, the vital event has been omitted from that statistical table.

The population figures used are from the Statistics Canada July 1, 1997 postcensal estimates of population. Where population estimates are not available, population projections from the Manitoba Bureau of Statistics have been used to derive the approximate distribution of the population by age and sex. The Statistics Canada estimate was then broken down according to this distribution.

Manitoba is divided into 8 Official Regions for Data Collection (also known as Economic Regions). The following table illustrates the association between data collection region, economic region, and census division.

OFFICIAL REGION FOR DATA COLLECTION	ECONOMIC REGION	CENSUS DIVISION
Southeast	10	1, 2, 12
South Central	20	3, 4
Southwest	30	5, 6, 7, 15
North Central	40	8, 9, 10
Winnipeg	50	11
Interlake	60	13, 14, 18
Parklands	70	16, 17, 20
North	80	19, 21, 22, 2

The map on the opposite page also illustrates these relationships.

Further information and custom tabulations on the 1997 vital statistics can be obtained from the Manitoba Bureau of Statistics by contacting David Greenwood at (204) 945-2989.

TABLE VIII presents Manitoba deaths during 1997 by cause of death. The causes of death are coded according to the "Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death", based on the Ninth Revision Conference, 1975.

The following lists the major causes of death and their three digit codes:

Infectious and Parasitic Diseases (001 - 139)

Cancer (140 - 208)

Diabetes (250)

Other Metabolic and Immunity Disorders (270 - 279)

Psychoses (290 - 299)

Hereditary and Degenerative Central Nervous System (330 - 337)

Heart Disease (410 - 429)

Cerebrovascular Disease (430 - 438)

Diseases of Arteries, Arterioles, Capillaries (440 - 448)

Pneumonia (480 - 486)

Chronic Obstructive Pulmonary Disease (490 - 496)

Other Respiratory Diseases (510 - 519)

Noninfective Enteritis and Colitis (555 - 558)

Other Intestinal and Peritoneum Diseases (560 - 569)

Other Diseases of the Digestive System (570 - 579)

Nephritis, Nephrotic Syndrome, Nephrosis (580 - 589)

Diseases of the Musculoskeletal and Connective (710 - 739)

Congenital Anomalies (740 - 759)

Ill-Defined and Unknown Causes (797 - 799)

Accidents (800 - 949)

Other Causes (210 - 246, 251 - 269, 280 - 289, 300 - 326, 340 - 405, 451 - 478, 487, 500 - 508, 520 - 553, 590 - 709, 760 - 796, 950 - 999)

TABLE I MANITOBA 1997 VITAL STATISTICS BY ECONOMIC REGION

	POPULATION	LIVE	STILL	DEATHS			RAT	ES	
REGION	IN 000'S (JULY 1/97)	BIRTHS	BIRTHS		INCREASE	LIVE BIRTHS	STILL	DEATHS	NATURAL
SOUTHEAST	86.0	344	3	460	-116	4.0	8.7	5.3	-1.3
SOUTH CENTRAL	52.3	616	3	489	127	11.8	4.9	9.3	2.4
SOUTHWEST	106.5	1,316	8	1,105	211	12.4	6.1	10.4	2.0
NORTH CENTRAL	49.2	314	0	304	10	6.4	0.0	6.2	0.2
WINNIPEG	637.6	10,088	77	5,565	4,523	15.8	7.6	8.7	7.1
INTERLAKE	81.2	327	0	596	-269	4.0	0.0	7.3	-3.3
PARKLANDS	47.1	436	1	582	-146	9.3	2.3	12.4	-3.1
NORTH	85.3	1,107	9	317	790	13.0	8.1	3.7	9.3
MANITOBA	1,145.2	14,548	101	9,418	5,130	12.7	6.9	8.2	4.5

NOTE: RATES FOR LIVE BIRTHS, DEATHS, AND NATURAL INCREASE ARE PER 1000 POPUALTION.
RATE FOR STILLBIRTHS IS PER 1000 LIVE BIRTHS.
ONE SOUTHWEST BIRTH NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS STATISTICS CANADA

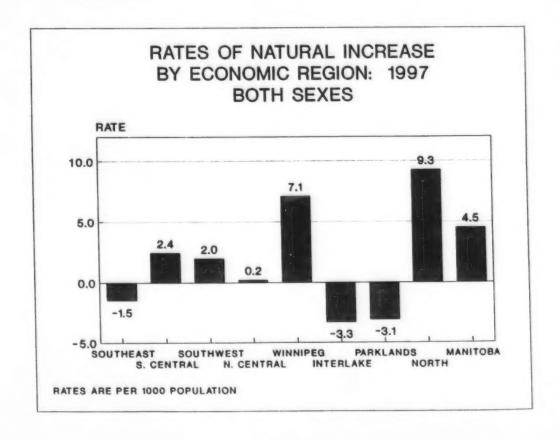


TABLE II MANITOBA 1997 VITAL STATISTICS BY ECONOMIC REGION

	POPULATION	LIVE	STILL	DEATHS	-		RAT	ES	
REGION	IN 000'S (JULY 1/97)	BIRTHS	BIRTHS		INCREASE	LIVE BIRTHS	STILL	DEATHS	NATURAL
SOUTHEAST	42.2	184	1	207	-23	4.4	5.4	4.9	-0.5
SOUTH CENTRAL	26.1	308	2	255	53	11.8	6.5	9.8	2.0
SOUTHWEST	53.9	617	2	559	58	11.4	3.2	10.4	1.1
NORTH CENTRAL	24.4	140	0	147	-7	5.7	0.0	6.0	-0.3
WINNIPEG	326.1	4,837	36	2,864	1,973	14.8	7.4	8.8	6.1
INTERLAKE	39.8	180	0	284	-104	4.5	0.0	7.1	-2.6
PARKLANDS	23.5	212	0	289	-77	9.0	0.0	12.3	-3.3
NORTH	41.4	561	4	123	438	13.5	7.1	3.0	10.6
MANITOBA	577.4	7,039	45	4,728	2,311	12.2	6.4	8.2	4.0

TABLE III MANITOBA 1997 VITAL STATISTICS BY ECONOMIC REGION

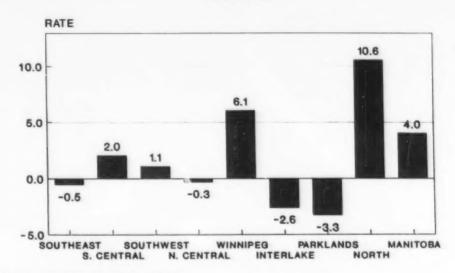
MALES

	POPULATION	LIVE	STILL	DEATHS			RAT	ES	
REGION	IN 000'S (JULY 1/97)	BIRTHS	BIRTHS		INCREASE	LIVE BIRTHS	STILL	DEATHS	NATURAL
SOUTHEAST	43.8	160	2	253	-93	3.7	12.5	5.8	-2.1
SOUTH CENTRAL	26.3	308	1	234	74	11.7	3.2	8.9	2.8
SOUTHWEST	52.6	698	6	546	152	13.3	8.6	10.4	2.9
NORTH CENTRAL	24.8	174	0	157	17	7.0	0.0	6.3	0.7
WINNIPEG	311.5	5,251	41	2,701	2,550	16.9	7.8	8.7	8.2
INTERLAKE	41.4	147	0	312	-165	3.6	0.0	7.5	-4.0
PARKLANDS	23.5	224	1	293	-69	9.5	4.5	12.5	-2.9
NORTH	43.9	546	5	194	352	12.4	9.2	4.4	8.0
MANITOBA	567.8	7,508	56	4,690	2,818	13.2	7.5	8.3	5.0

NOTE: RATES FOR LIVE BIRTHS, DEATHS, AND NATURAL INCREASE ARE PER 1000 POPUALTION. RATE FOR STILLBIRTHS IS PER 1000 LIVE BIRTHS.

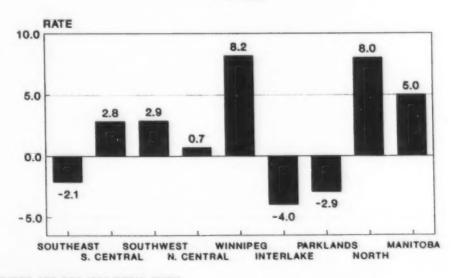
DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS STATISTICS CANADA

RATES OF NATURAL INCREASE BY REGION: 1997 FEMALE



RATES ARE PER 1000 POPULATION

RATES OF NATURAL INCREASE BY REGION: 1997 MALE



RATES ARE PER 1000 POPULATION

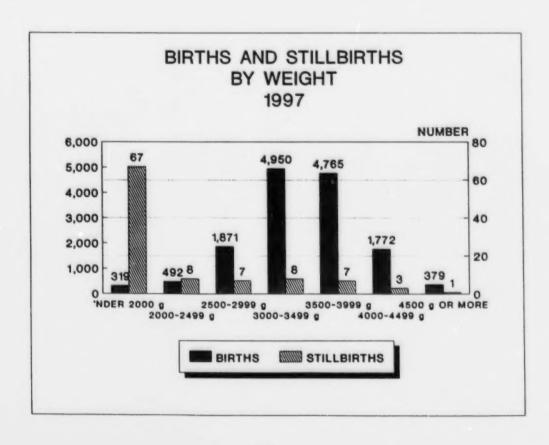
TABLE IV MANITOBA 1997 BIRTHS AND STILLBIRTHS BY WEIGHT

		OTH SEXES			FEMALES			MALES	
WEIGHT	BIRTHS	STILL	STILL BIRTH RATE	BIRTHS	STILL	STILL BIRTH RATE	BIRTHS	STILL	STILL BIRTH RATE
UNDER 500 g	25	38	1,520.0	11	19	1,727.3	14	19	1,357.1
500 - 999 g	67	17	253.7	31	9	290.3	36	8	222.2
1000-1499 g	75	8	106.7	40	4	100.0	35	4	114.3
1500-1999 g	152	4	26.3	70	0	0.0	82	4	48.8
2000-2499 g	492	8	16.3	246	3	12.2	246	5	20.3
2500-2999 g	1,871	7	3.7	1,040	3	2.9	830	4	4.8
3000-3499 g	4,950	8	1.6	2,591	1	0.4	2,359	7	3.0
3500-3999 g	4,765	7	1.5	2,209	3	1.4	2,556	4	1.6
4000-4499 g	1,772	3	1.7	680	3	4.4	1,092	0	0.0
4500-4999 g	331	1	3.0	97	0	0.0	234	1	4.3
5000-5499 g	36	0	0.0	17	0	0.0	19	0	0.0
5500-5999 g	7	0	0.0	5	0	0.0	2	0	0.0
6000-6499 g	1	0	0.0	0	0	n/a	1	0	0.0
OVER 6500 g	4	0	0.0	2	0	0.0	2	0	0.0
UNKNOWN	0	0	n/a	0	0	n/a	0	0	n/a
TOTALS	14,548	101	6.9	7,039	45	6.4	7,508	56	7.5

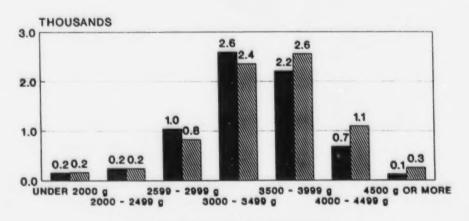
NOTE: STILLBIRTH RATE IS PER 1000 LIVE BIRTHS.

ONE 2500 - 2999 G WEIGHT BIRTH NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS



MANITOBA LIVE BIRTHS BY WEIGHT AND SEX 1997





MANITOBA STILLBIRTHS BY WEIGHT AND SEX 1997

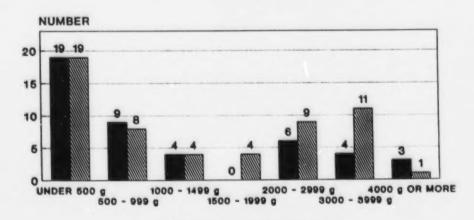


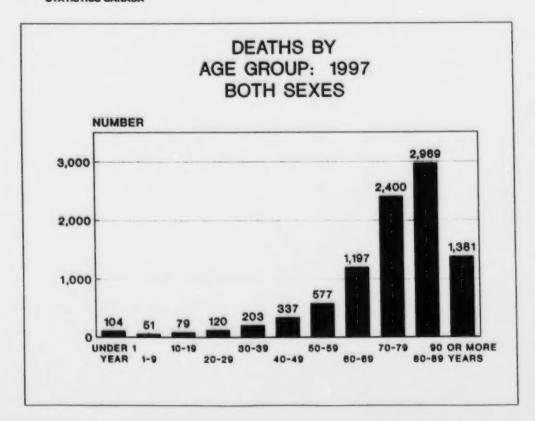


TABLE V MANITOBA 1997 DEATHS BY AGE GROUP AND SEX

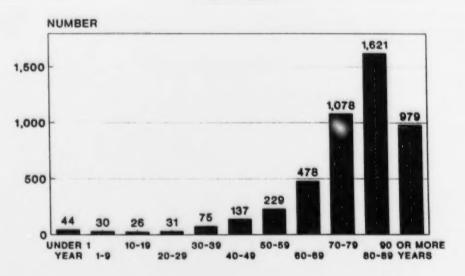
AGE IN YEARS	POPULATION IN 000'S JULY 1/97	BOTH SEXES DEATHS	DEATH RATE	POPULATION IN 000'S JULY 1/97	FEMALES DEATHS	DEATH	POPULATION IN 000'S JULY 1/97	MALES DEATHS	DEATH RATE
UNDER 1	15.5	104	6.7	7.6	44	5.8	7.9	60	7.6
1-4	65.2	31	0.5	31.9	18	0.6	33.4	13	0.4
5 - 9	83.5	20	0.2	40.6	12	0.3	42.9	8	0.2
10-14	81.5	21	0.3	39.5	8	0.2	42.0	13	0.3
15-19	78.7	58	0.7	38.8	18	0.5	39.9	40	1.0
20-24	79.7	56	0.7	38.9	16	0.4	40.8	40	1.0
25-29	81.0	64	0.8	39.8	15	0.4	41.2	49	1.2
30-34	90.0	90	1.0	44.3	29	0.7	45.7	61	1.3
36-39	95.2	113	1.2	46.6	46	1.0	48.6	67	1.4
40-44	86.9	140	1.6	43.4	58	1.3	43.6	82	1.9
45-49	76.3	197	2.6	37.8	79	2.1	38.5	118	3.1
50-54	62.7	249	4.0	31.1	99	3.2	31.6	150	4.7
55-59	48.9	328	6.7	24.8	130	5.2	24.1	198	8.2
60-64	43.8	473	10.8	22.1	189	8.6	21.7	284	13.1
65-69	42.5	724	17.0	22.3	289	12.9	20.1	435	21.6
70-74	39.5	1,003	25.4	21.9	428	19.5	17.6	575	32.7
76-79	32.6	1,397	42.8	19.2	650	33.9	13.4	747	55.7
80-84	22.8	1,606	70.4	14.1	805	57.0	8.7	801	92.0
85-89	12.2	1,363	111.3	8.0	816	101.7	4.2	547	129.6
90 & OVER	6.6	1,381	210.0	4.8	979	203.7	1.8	402	226.9
TOTALS	1,145.2	9,418	8.2	577.4	4,728	8.2	567.8	4,690	8.3

NOTE: DEATH RATE IS DEATHS PER 1000 POPULATION.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS STATISTICS CANADA



DEATHS BY AGE GROUP: 1997 FEMALES



DEATHS BY AGE GROUP: 1997 MALES

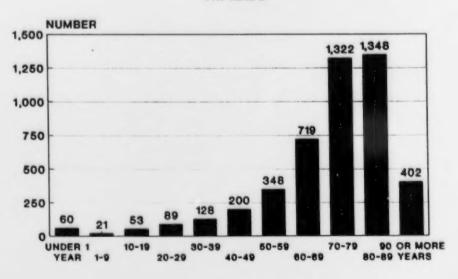


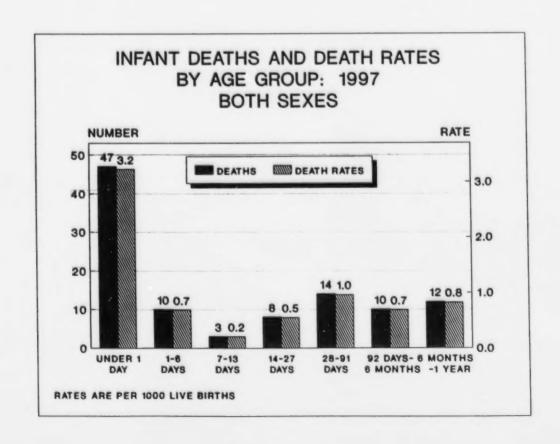
TABLE VI MANITOBA 1997 INFANT DEATHS BY AGE

	BOTH SE	XES	FEMAL	ES	MALE	S
AGE	DEATHS	DEATH RATE	DEATHS	DEATH RATE	DEATHS	DEATH
UNDER 1 DAY	47	3.2	21	3.0	26	3.5
1 - 6 DAYS	10	0.7	3	0.4	7	0.9
7 - 13 DAYS	3	0.2	0	0.0	3	0.4
14 - 27 DAYS	8	0.5	3	0.4	5	0.7
28 - 91 DAYS	14	1.0	6	0.9	8	1.1
92 DAYS - 6 MONTHS	10	0.7	3	0.4	7	0.9
6 MONTHS - 1 YEAR	12	0.8	8	1.1	4	0.5
NEONATAL	68	4.7	27	3.8	41	5.5
POST-NEONATAL	36	2.5	17	2.4	19	2.5
INFANT	104	7.1	44	6.3	60	8.0
PERINATAL	158	10.8	69	9.7	89	11.8

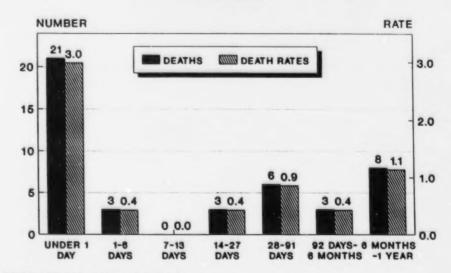
NOTE: INFANT DEATH (UNDER 1 YEAR) RATES ARE PER 1000 LIVE BIRTHS.
PERINATAL DEATH RATES ARE PER 1000 TOTAL BIRTHS.
NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.

PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

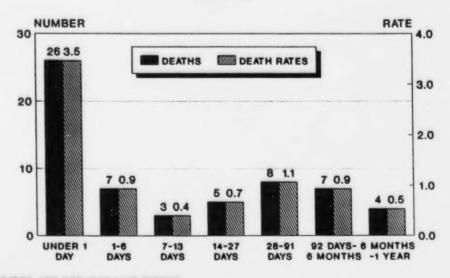


BY AGE GROUP: 1997 FEMALES



RATES ARE PER 1000 LIVE BIRTHS

INFANT DEATHS AND DEATH RATES BY AGE GROUP: 1997 MALES



RATES ARE PER 1000 LIVE BIRTHS

	SOUTH	SOUTH	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
TYPE									
INFANT	5	0	5	2	86	1	1	4	104
NEONATAL POST-NEONATAL	1 4	0	2	1	61 25	0	1	2	68 36
STILLBIRTHS	3	3	8	0	77	0	1	9	101
PERINATAL	3	3	10	1	129	0	2	10	158
RATE (per 1,000 live births)									
INFANT	14.5	0.0	3.8	6.4	8.5	3.1	2.3	3.6	7.1
STILLBIRTHS	8.7	4.9	6.1	0.0	7.6	0.0	2.3	8.1	6.9
PERINATAL (per 1,000 total births)	8.6	4.8	7.6	3.2	12.7	0.0	4.6	9.0	10.8

NOTE: INFANT DEATH (UNDER 1 YEAR) RATES ARE PER 1000 LIVE BIRTHS.

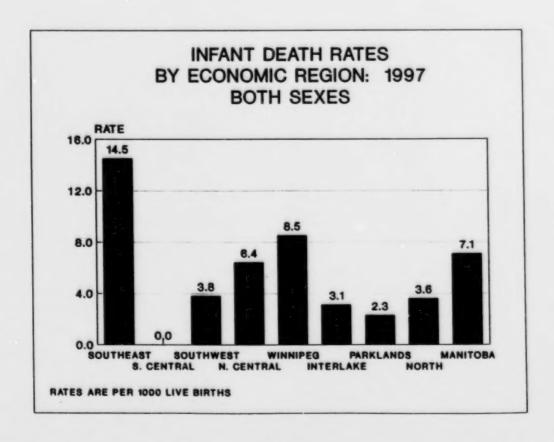
PERINATAL DEATH RATES ARE PER 1000 TOTAL BIRTHS.

NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.

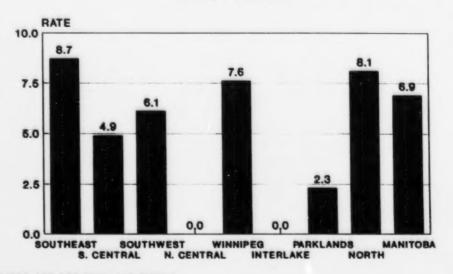
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.

PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

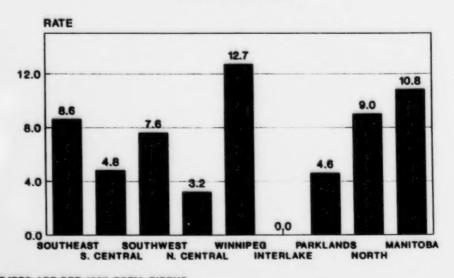


STILLBIRTH RATES BY ECONOMIC REGION: 1997 BOTH SEXES



RATES ARE PER 1000 LIVE BIRTHS

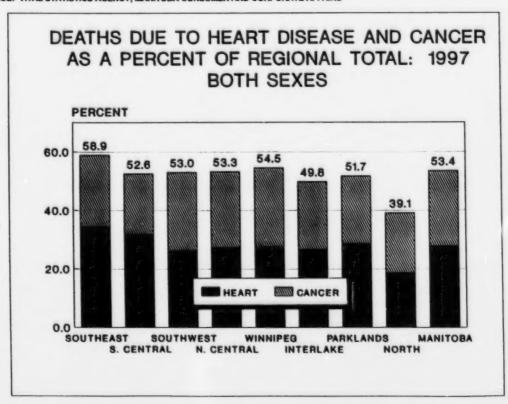
PERINATAL RATES BY ECONOMIC REGION: 1997 BOTH SEXES



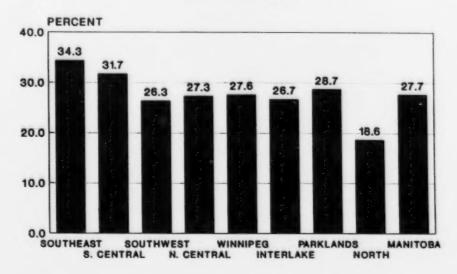
RATES ARE PER 1000 TOTAL BIRTHS

	SOUTH	SOUTH	SOUTH	NORTH	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
HEART DISEASE	158	155	291	83	1,536	159	167	59	2,608
CANCER	113	102	295	79	1,498	138	134	65	2,424
CEREBROVASCULAR DISEASE	35	27	104	30	442	46	56	17	757
ACCIDENTS	21	22	45	14	187	40	26	58	413
PNEUMONIA	15	26	46	13	182	31	40	16	369
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	17	15	54	11	200	22	26	12	357
DIABETES	13	29	33	13	158	19	22	15	302
DISEASES OF ARTERIES, ARTERIOLES, CAPILLARIES	3	9	23	3	148	11	11	3	211
HEREDITARY AND DEGENERATIVE CENTRAL NERVOUS SYSTEM	13	19	28	13	91	21	8	6	199
PSYCHOSES	8	13	23	4	122	17	5	0	192
NEPHRITIS, NEPHROTIC SYNDROME, NEPHROSIS	4	9	14	3	84	7	17	4	142
OTHER DISEASES OF THE DIGESTIVE SYSTEM	7	5	11	4	92	6	5	1	131
OTHER RESPIRATORY DISEASES	6	3	20	1	54	1	4	1	90
INFECTIOUS AND PARASITIC DESEASES	2	4	5	2	68	3	5	1	90
OTHER INTESTINAL AND PERITONEUM	6 2 2	3	5	1	45	5	5 2 2	0	65
NONINFECTIVE ENTERITIS AND COLITIS	1	3	6	0	51	1	2	0 0 2	64
OTHER METABOLIC AND IMMUNITY DISORDERS	3	4	6	0	32	2	5	2	54
DISEASES OF MUSCULOSKELETAL	8	2	3	2	31	3	1	2	52
CONGENITAL ANOMALIES AND CONNECTIVE	3	3	4	0	36	0	1	2	49
ILL-DEFINED AND UNKNOWN CAUSES	11	6	17	6	46	20	6	16	128
OTHER CAUSES	17	30	70	22	462	44	39	37	721
TOTAL	460	489	1,105	304	5,565	596	582	317	9,418

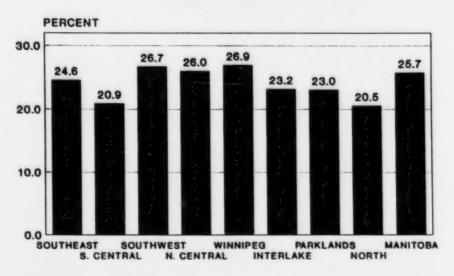
DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS



DEATHS DUE TO HEART DISEASE AS A PERCENT OF REGIONAL TOTAL: 1997 BOTH SEXES



DEATHS DUE TO CANCER AS A PERCENT OF REGIONAL TOTAL: 1997 BOTH SEXES





APPENDIX A BIRTHS BY WEIGHT AND ECONOMIC REGION

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BIRTHS BY WEIGHT AND ECONOMIC REGION: 1997

FEMALES

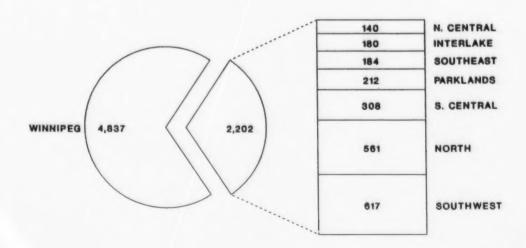
WEIGHT	SOUTH	SOUTH	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g	0	0	0	1	10	0	0	0	11
500- 999	0	0	0	0	27	0	0	4	31
1000-1499	1	0	1	0	38	0	0	0	40
1500-1999	1	1	2	1	62	0	1	2	70
2000-2499	2	7	20	4	192	0	6	15	246
2500-2999	20	40	74	19	756	14	35	82	1,040
3000-3499	75	121	205	45	1,826	71	64	184	2,591
3500-3999	66	97	221	50	1,427	76	77	195	2,209
4000-4499	17	34	79	16	432	15	21	66	680
4500-4999	2	6	10	3	56	3	5	12	97
5000-5499	0	2	4	1	7	1	2	0	17
5500-5999	0	0	1	0	2	0	1	1	5
6000g OR MORE	0	0	0	0	2	0	0	0	2
UNKNOWN	0	0	0	0	0	0	0	0	0
TOTAL	184	308	617	140	4,837	180	212	561	7,039

NOTE: ONE 2500 TO 2999G SOUTHWEST BIRTH NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS

BIRTHS BY ECONOMIC REGION: 1997 FEMALES



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BIRTHS BY WEIGHT AND ECONOMIC REGION: 1997

MALES

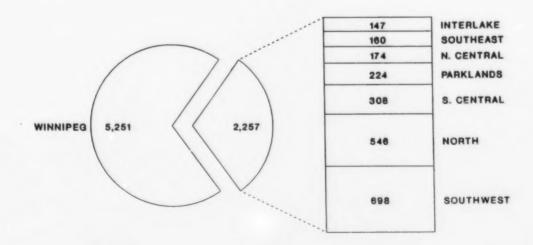
WEIGHT	SOUTH	SOUTH	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g	0	0	0	0	12	0	2	0	14
500- 999	3	0	0	0	31	0	0	2	36
1000-1499	0	1	2	0	31	0	0	1	35
1500-1999	0	0	6	2	73	0	1	0	82
2000-2499	1	0	23	1	204	3	3	11	246
2500-2999	11	18	65	12	633	11	17	63	830
3000-3499	49	94	213	50	1,687	35	69	162	2,359
3500-3999	60	128	254	70	1,720	66	82	176	2,556
4000-4499	25	49	108	31	709	27	42	101	1,092
4500-4999	11	17	23	8	136	5	6	28	234
5000-5499	0	1	3	0	13	0	0	2	19
5500-5999	0	0	0	0	0	0	2	0	2
6000g OR MORE	0	0	1	0	2	0	0	0	3
UNKNOWN	0	0	0	0	0	0	0	0	0
TOTAL	160	308	698	174	5,251	147	224	546	7,508

NOTE: ONE 2500 TO 2999G SOUTHWEST BIRTH NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS

BIRTHS BY ECONOMIC REGION: 1997 MALES



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BIRTHS BY WEIGHT AND ECONOMIC REGION: 1997

BOTH SEXES

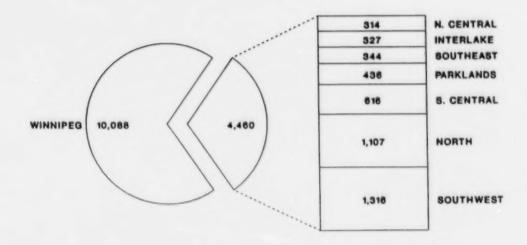
WEIGHT	SOUTH	SOUTH	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g	0	0	0	1	22	0	2	0	25
500- 999	3	0	0	0	58	0	0	6	67
1000-1499	1	1	3	0	69	0	0	1	75
1500-1999	1	1	8	3	135	0	2	2	152
2000-2499	3	7	43	5	396	3	9	26	492
2500-2999	31	58	140	31	1,389	25	52	145	1,871
3000-3499	124	215	418	95	3,513	106	133	346	4,950
3500-3999	126	225	475	120	3,147	142	159	371	4,765
4000-4499	42	83	187	47	1,141	42	63	167	1,772
4500-4999	13	23	33	11	192	8	11	40	331
5000-5499	0	3	7	1	20	1	2	2	36
5500-5999	0	0	1	0	2	0	3	1	7
6000g OR MORE	0	0	1	0	4	0	0	0	5
UNKNOWN	0	0	0	0	0	0	0	0	0
TOTAL	344	616	1,316	314	10,088	327	436	1,107	14,548

NOTE: ONE 2500 TO 2999G SOUTHWEST BIRTH NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS

BIRTHS BY ECONOMIC REGION: 1997 BOTH SEXES



APPENDIX B

STILLBIRTHS BY WEIGHT AND ECONOMIC REGION

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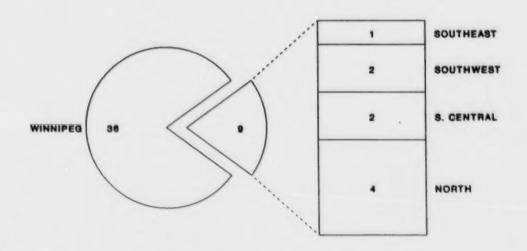
STILLBIRTHS BY WEIGHT AND ECONOMIC REGION: 1997

FEMALES

WEIGHT	SOUTH	SOUTH CENTRAL	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g	0	1	0	0	17	0	0	1	19
500-999	1	0	0	0	8	0	0	0	9
1000-1499	0	0	1	0	3	0	0	0	4
1500-1999	0	0	0	0	0	0	0	0	0
2000-2499	0	1	0	0	2	0	0	0	3
2500-2999	0	0	0	0	3	0	0	0	3
3000-3499	0	0	0	0	1	0	0	0	1
3500-3999	0	0	1	0	1	0	0	1	3
4000-4499	0	0	0	0	1	0	0	2	3
4500-4999	0	0	0	0	0	0	0	0	0
5000-5499	0	0	0	0	0	0	0	0	0
8800-8999	0	0	0	0	0	0	0	0	0
6000g OR MORE	0	0	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0
TOTAL	1	2	2	0	36	0	0	4	45

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS MANITOBA BUREAU OF STATISTICS

STILLBIRTHS BY ECONOMIC REGION: 1997 FEMALES



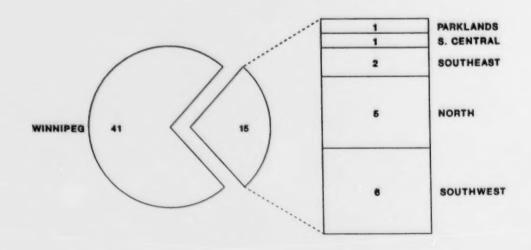
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STILLBIRTHS BY WEIGHT AND ECONOMIC REGION: 1997

MALES

WEIGHT	SOUTH	SOUTH	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g	0	1	1	0	15	0	0	2	19
500-999	0	0	0	0	8	0	0	0	8
1000-1499	0	0	1	0	3	0	0	0	4
1500-1999	1	0	0	0	3	0	0	0	4
2000-2499	0	0	1	0	3	0	0	1	5
2500-2999	0	0	1	0	3	0	0	0	4
3000-3499	1	0	1	0	3	0	0	2	7
3500-3999	0	0	1	0	2	0	1	0	4
4000-4499	0	0	0	0	0	0	0	0	0
4500-4999	0	0	0	0	1	0	0	0	1
5000-5499	0	0	0	0	0	0	0	0	0
5500-5999	0	0	0	0	0	0	0	0	0
6000g OR MORE	0	0	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0
TOTAL	2	1	6	0	41	0	1	5	56

STILLBIRTHS BY ECONOMIC REGION: 1997 MALES



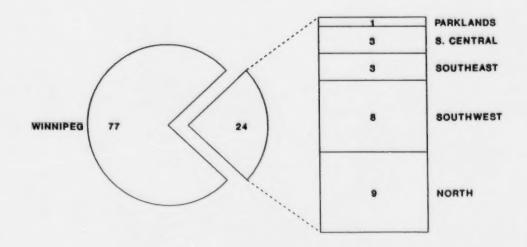
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STILLBIRTHS BY WEIGHT AND ECONOMIC REGION: 1997

BOTH SEXES

WEIGHT	SOUTH	SOUTH	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g	0	2	1	0	32	0	0	3	38
500- 999	1	0	0	0	16	0	0	0	17
1000-1499	0	0	2	0	6	0	0	0	8
1500-1999	1	0	0	0	3	0	0	0	4
2000-2499	0	1	1	0	5	0	0	1	8
2500-2999	0	0	1	0	6	0	0	0	7
3000-3499	1	0	1	0	4	0	0	2	8
3500-3999	0	0	2	0	3	0	1	1	7
4000-4499	0	0	0	0	1	0	0	2	3
4500-4999	0	0	0	0	1	0	0	0	1
5000-5499	0	0	0	0	0	0	0	0	0
6500-5999	0	0	0	0	0	0	0	0	0
6000g OR MORE	0	0	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0
TOTAL	3	3	8	0	77	0	1	9	101

STILLBIRTHS BY ECONOMIC REGION: 1997 BOTH SEXES



APPENDIX C DEATHS BY AGE GROUP AND ECONOMIC REGION

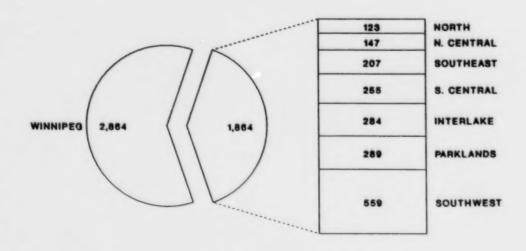
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DEATHS BY AGE GROUP AND ECONOMIC REGION: 1997

FEMALES

AGE	SOUTH	SOUTH	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 YEAR	4	0	2	2	35	1	0	0	44
1-4 YEARS	0	0	1	0	6	1	0	10	18
6-9	1	0	0	0	9	0	0	2	12
10-14	0	0	0	0	6	1	0	1	8
15-19	0	3	3	0	6	0	2	4	18
20-24	1	1	1	1	4	1	1	6	16
25-29	1	1	1	0	11	0	1	0	15
30-34	1	0	2	2	20	1	2	1	29
36-39	1	3	5	1	31	1	3	1	46
40-44	3	1	4	2	44	2	1	1	58
45-49	2	2	8	6	53	3	4	1	79
50-54	4	0	6	5	68	6	6	4	99
55-59	4	2	6	4	91	11	6	6	130
80-84	9	4	25	9	112	14	7	9	189
65-69	10	9	30	7	197	15	11	10	289
70-74	20	15	44	11	284	22	24	8	428
76-79	29	31	84	19	395	36	36	20	650
80-84	33	55	99	23	489	44	48	14	805
86-89	32	47	105	25	466	64	60	17	816
90 AND OVER	52	81	133	30	537	61	77	8	979
TOTAL	207	255	559	147	2,864	284	289	123	4,728

DEATHS BY ECONOMIC REGION: 1997 FEMALES



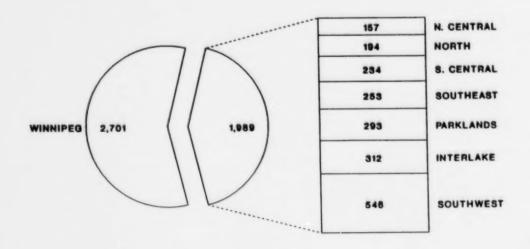
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DEATHS BY AGE GROUP AND ECONOMIC REGION: 1997

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AGE	SOUTH	SOUTH	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 YEAR	1	0	3	0	51	0	1	4	60
1-4 YEARS	0	0	1	2	6	0	0	4	13
5-9	0	1	1	1	3	0	0	2	8
10-14	0	0	3	0	4	2	1	3	13
15-19	3	1	7	1	15	5	1	7	40
20-24	2	3	4	0	13	6	2	10	40
25-29	5	1	3	1	21	6	3	9	49
30-34	2	3	6	2	28	7	4	9	61
35-39	3	2	4	2	47	2	4	3	67
40-44	1	2	10	2	57	0	1	9	82
45-49	2	3	13	3	77	5	9	6	118
50-54	5	8	10	4	100	8	4	11	150
55-59	12	6	14	4	131	13	8	10	198
60-64	16	10	27	6	174	24	15	12	284
65-69	31	14	40	5	268	27	28	22	435
70-74	26	22	73	21	345	43	28	17	575
75-79	40	35	79	22	486	42	46	17	747
80-84	46	60	98	43	427	52	56	19	801
85-89	30	31	88	19	279	42		11	547
90 AND OVER	28	32	62	19	189	28	35	9	402
TOTAL	253	234	546	157	2,701	312	293	194	4,690

DEATHS BY ECONOMIC REGION: 1997 MALES



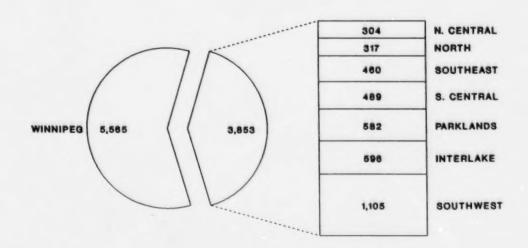
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DEATHS BY AGE GROUP AND ECONOMIC REGION: 1997

BOTH SEXES

AGE	SOUTH	SOUTH	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
1995									
UNDER 1 YEAR	5	0	5	2	86	1	1	4	104
1-4 YEARS	0	0	2	2	12	1	0	14	31
5-9	1	1	1	1	12	0	0	4	20
10-14	0	0	3	0	10	3	1	4	21
15-19	3	4	10	1	21	5	3	11	58
20-24	3	4	5	1	17	7	3	16	56
25-29	6	2	4	1	32	6	4	9	64
30-34	3	3	8	4	48	8	6	10	90
35-39	4	5	9	3	78	3	7	4	113
40-44	4	3	14	4	101	2	2	10	140
45-49	4	5	21	9	130	8	13	7	197
50-54	9	8	16	9	168	14	10	15	249
55-69	16	8	20	8	222	24	14	16	328
80-64	25	14	52	15	286	38	22	21	473
65-69	41	23	70	12	465	42	39	32	724
70-74	46	37	117	32	629	65	52	25	1,003
75-79	69	66	163	41	861	78	82	37	1,397
80-84	79	115	197	66	916	96	104	33	1,606
85-89	62	78	193	44	745	106	107	28	1,363
90 AND OVER	80	113	195	49	726	89	112	17	1,381
TOTAL	460	489	1,105	304	5,565	596	582	317	9,418

DEATHS BY ECONOMIC REGION: 1997 BOTH SEXES



APPENDIX D

INFANT DEATHS BY AGE AND ECONOMIC REGION

TABLE D1			NFANT D	EATHS BY	AGE AND E	CONOMIC R	EGION: 1997		FEMALES
AGE	SOUTH	SOUTH CENTRAL	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 DAY	0	0	0	1	20	0	0	0	21
1 - 6 DAYS	0	0	1	0	2	0	0	0	3
7 - 13 DAYS	0	0	0	0	0	0	0	0	0
14 - 27 DAYS	1	0	0	0	2	0	0	0	3
28 - 91 DAYS	0	0	1	0	5	0	0	0	6
92 DAYS - 6 MONTHS	2	0	0	0	1	0	0	0	3
6 MONTHS - 1 YEAR	1	0	0	1	5	1	0	0	8
INFANT	4	0	2	2	35	1	0	0	44
NEONATAL	1	0	1	1	24	0	0	0	27
POST-NEONATAL	3	0	1	1	11	1	0	0	17
STILLBIRTHS	1	2	2	0	36	0	0	4	45
PERINATAL	1	2	3	1	58	0	0	4	69

NOTE: INFANT IS A DEATH UNDER 1 YEAR OF AGE.

NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.

POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.

PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS MANITOBA BUREAU OF STATISTICS

INFANT DEATHS BY ECONOMIC REGION: 1997 FEMALES

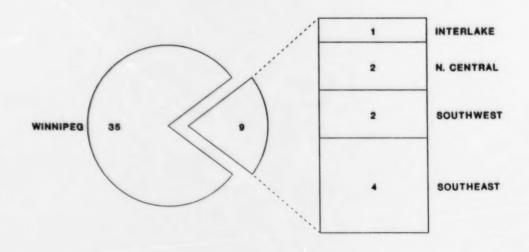


TABLE D2	INFANT DEATHS BY AGE AND ECONOMIC REGION: 1997

MALES

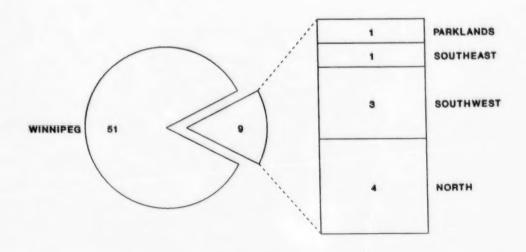
AGE	SOUTH	SOUTH	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 DAY	0	0	0	0	24	0	1	1	26
1 - 6 DAYS	0	0	1	0	6	0	0	0	7
7 - 13 DAYS	0	0	0	0	3	0	0	0	3
14 - 27 DAYS	0	0	0	0	4	0	0	1	5
28 - 91 DAYS	0	0	1	0	5	0	0	2	8
92 DAYS - 6 MONTHS	1	0	1	0	5	0	0	0	7
6 MONTHS - 1 YEAR	0	0	0	0	4	0	0	0	4
INFANT	1	0	3	0	51	0	1	4	60
NEONATAL POST-NEONATAL	0	0	1 2	0	37 14	0	1 0	2	41 19
STILLBIRTHS	2	1	6	0	41	0	1	5	56
PERINATAL	2	1	7	0	71	0	2	6	89

NOTE: INFANT IS A DEATH UNDER 1 YEAR OF AGE.

NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.
PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS MANITOBA BUREAU OF STATISTICS

INFANT DEATHS BY ECONOMIC REGION: 1997 MALES



INFANT DEATHS	BY AGE	AND ECONON	IIC REGION:	1997
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BOTH SEXES

AGE	SOUTH	SOUTH	SOUTH	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 DAY	0	0	0	1	44	0	1	1	47
1 - 6 DAYS	0	0	2	0	8	0	0	0	10
7 - 13 DAYS	0	0	0	0	3	0	0	0	3
14 - 27 DAYS	1	0	0	0	6	0	0	1	8
28 - 91 DAYS	0	0	2	0	10	0	0	2	14
92 DAYS - 6 MONTHS	3	0	1	0	6	0	0	0	10
6 MONTHS - 1 YEAR	1	0	0	1	9	1	0	0	12
INFANT	5	0	5	2	86	1	1	4	104
NEONATAL	1	0	2	1	61	0	1	2	68
POST-NEONATAL	4	0	3	1	25	1	0	2	36
STILLBIRTHS	3	3	8	0	77	0	1	9	101
PERINATAL	3	3	10	1	129	0	2	10	158

NOTE: INFANT IS A DEATH UNDER 1 YEAR OF AGE.

NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.
PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS

TABLE D3

INFANT DEATHS BY ECONOMIC REGION: 1997 BOTH SEXES

